



CERTIFICATE OF ANALYSIS

PRODUCT NAME : LITHIUM METABORATE ANHYDROUS AR

CAS No : 13453-69-5

Mol. Formula : LiBO₂

Mol. WT : 49.75

Date of analysis : 28/08/23

Product code : 23850

Batch No : MCRT-13231-03

Mfd. : Aug. 2023

Exp. : July 2028

S.R	Test	Specification	Observation
1	Description	White powder.	White powder.
2	Assay(acidimetric)	99.0 % w/w min	99.80%w/w
3	Chloride (Cl)	0.005 % max	<0.005 %
4	Phosphate (PO₄)	0.005 % max	<0.005 %
5	Silicate (SiO₂)	0.01% max	<0.01%
6	Sulphate (SO₄)	0.005% max	<0.005%
7	Aluminium (Al)	0.002% max	<0.002%
8	Calcium (Ca)	0.005% max	<0.005%
9	Chromium (Cr)	0.002% max	<0.002%
10	Copper (Cu)	0.001% max	<0.001%
11	Iron (Fe)	0.005% max	<0.005%
12	Lead (Pb)	0.005% max	<0.005%
13	Magnesium (Mg)	0.002% max	<0.002%
14	Manganese (Mn)	0.001% max	<0.001%
15	Potassium (K)	0.01% max	<0.01%
16	Sodium (Na)	0.01% max	<0.01%
17	Titanium (Ti)	0.01% max	<0.01%
18	Loss at 400°C	1.0% max	0.9%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.